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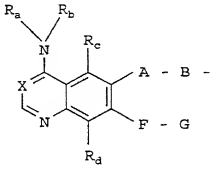
(54) Title: 4-AMINO-QUINAZOLINE AND QUINOLINE DERIVATIVES HAVING AN INHIBITORY EFFECT ON SIGNAL TRANSDUCTION MEDIATED BY TYROSINE KINASES

(57) Abstract

The present invention relates to bicyclic heterocycles of general formula (I), wherein R_a to R_d, A to G and X are defined as in claim 1, the tautomers, the stereoisomers and the salts thereof, particularly the physiologically acceptable salts thereof particularly the physiologically acceptable salts thereof with inorganic or organic acids or bases which have valuable pharmacological properties, particularly an inhibiting effect on signal transduction mediated by tyrosine kinases, their use for treating diseases, particularly tumoral diseases, diseases of the lungs and respiratory tract, and the preparation thereof.



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